

Figure 1

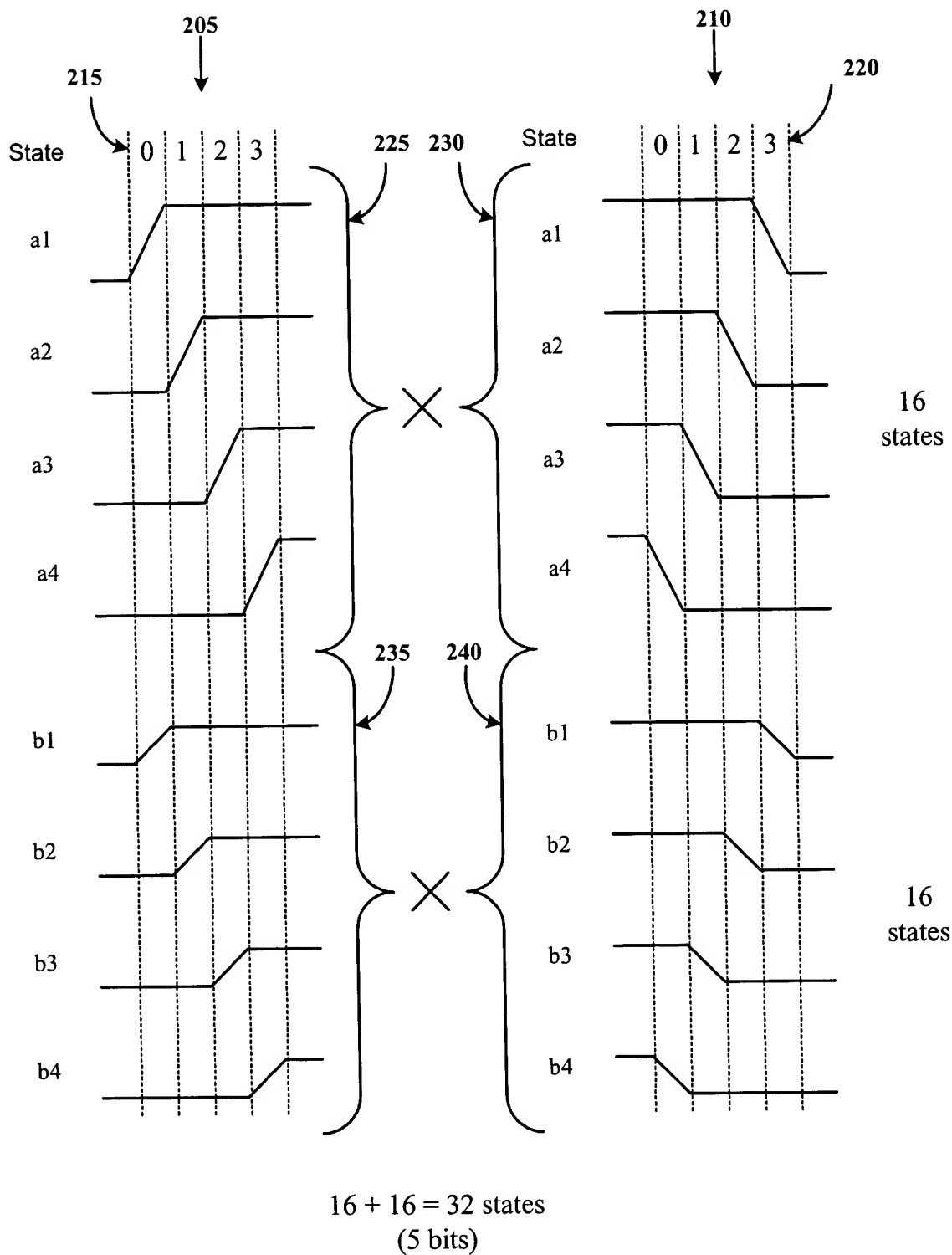


Figure 2

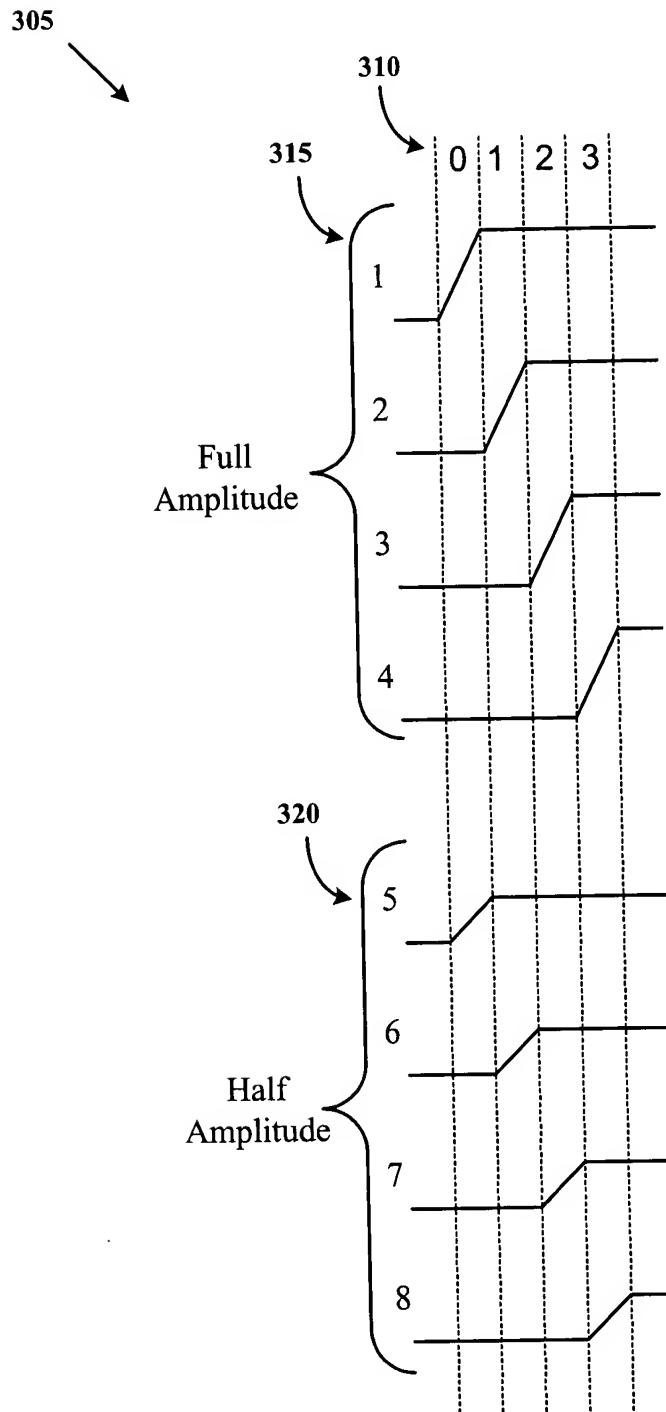


Figure 3

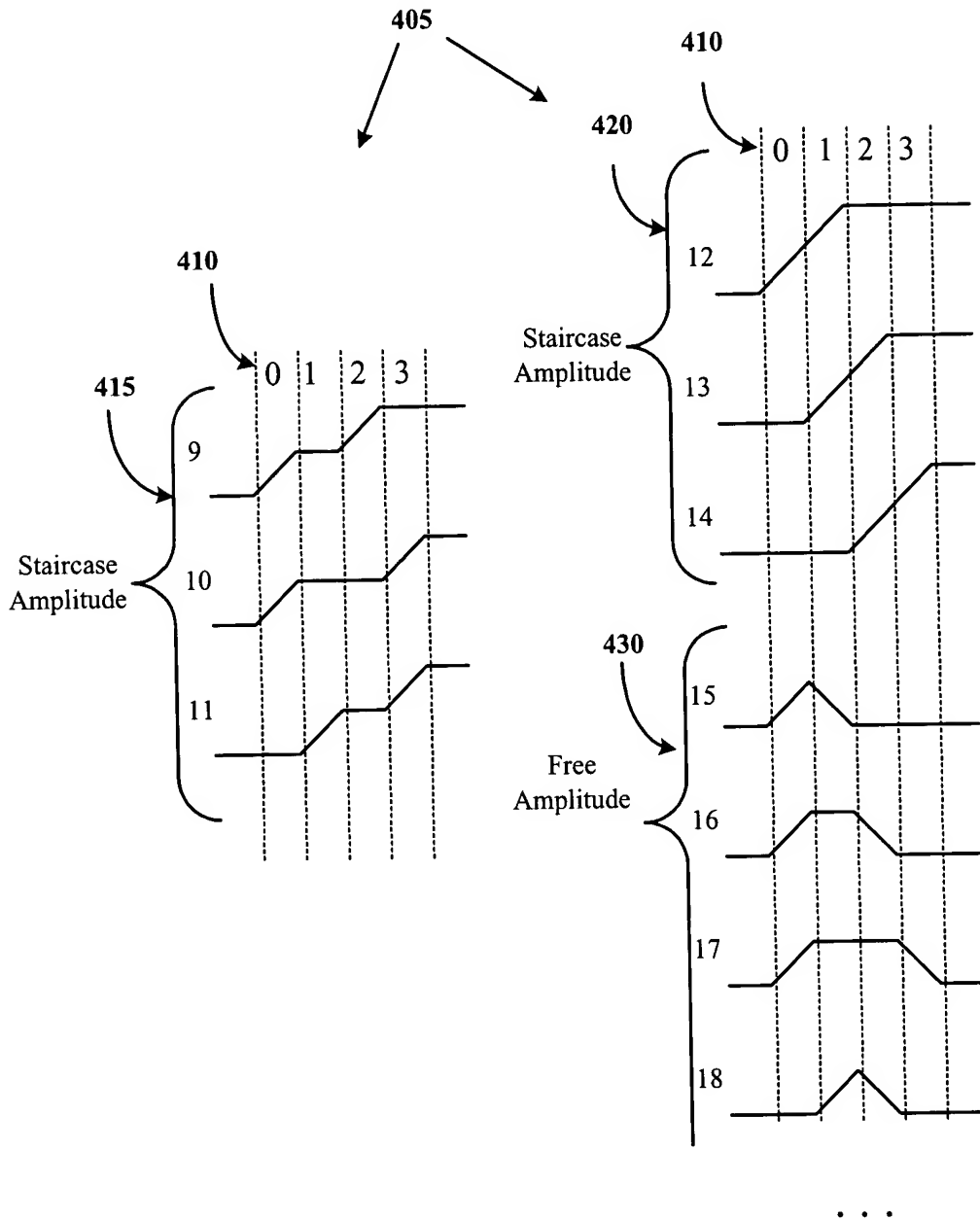


Figure 4

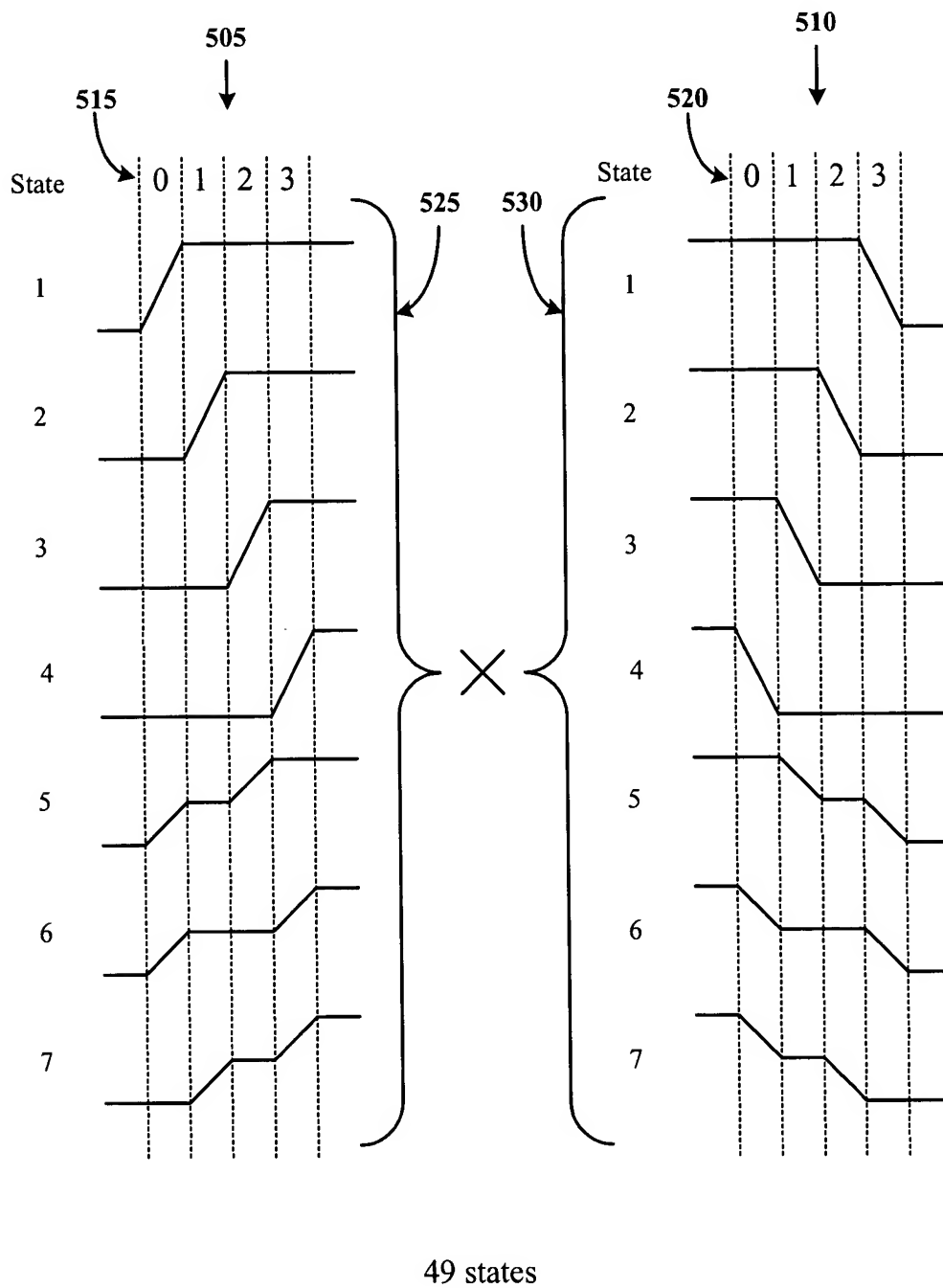
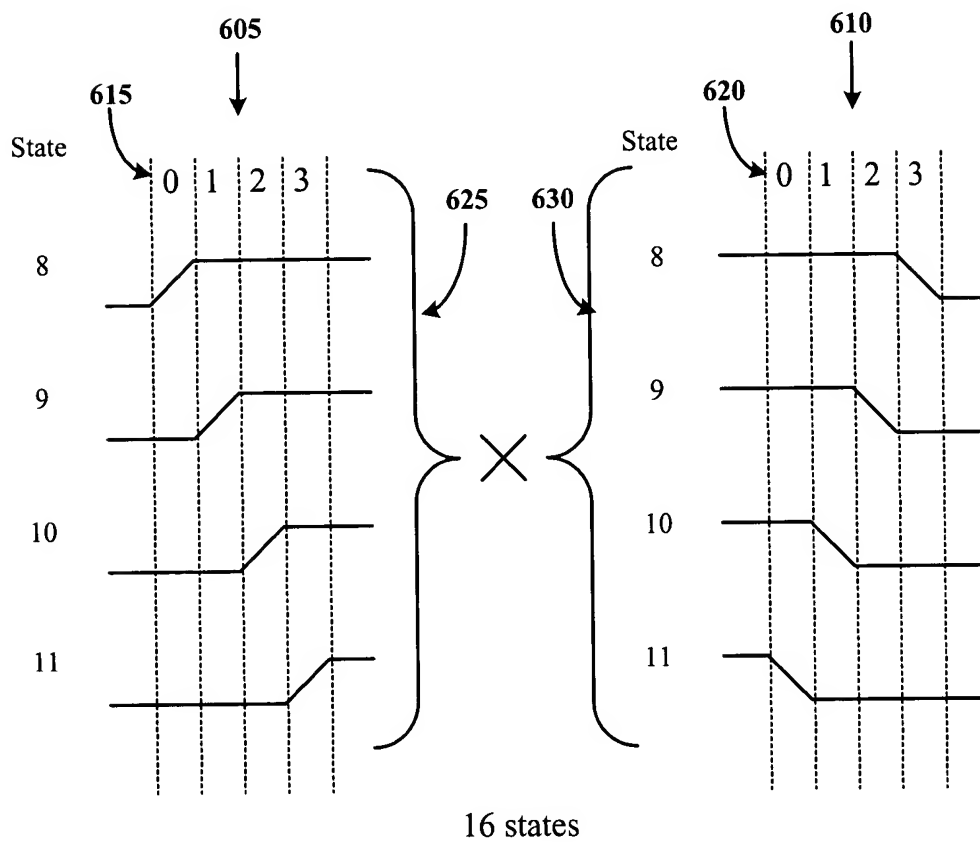


Figure 5



$$49 + 16 = 65 \text{ states} \\ (6 \text{ bits})$$

Figure 6

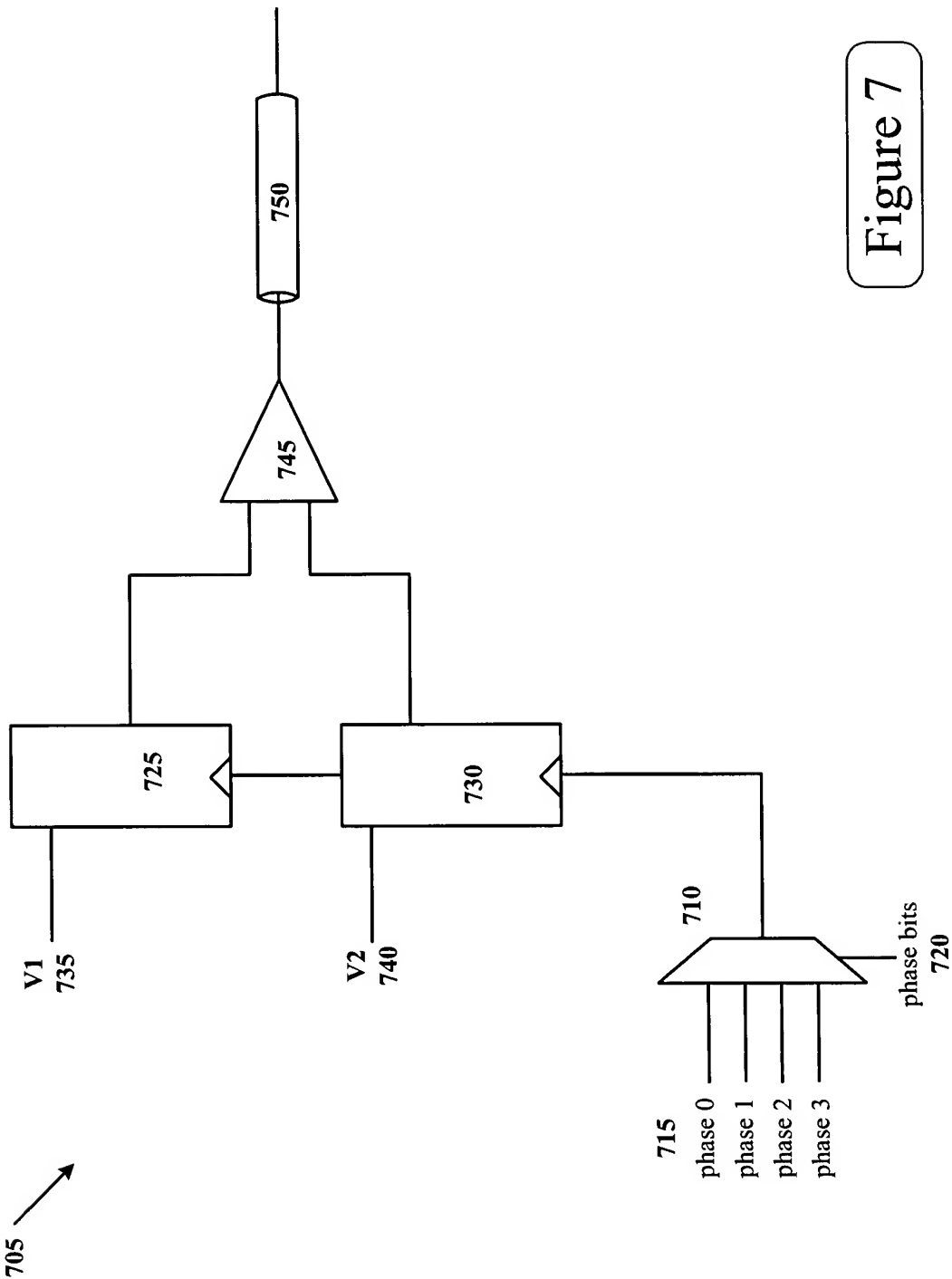


Figure 7

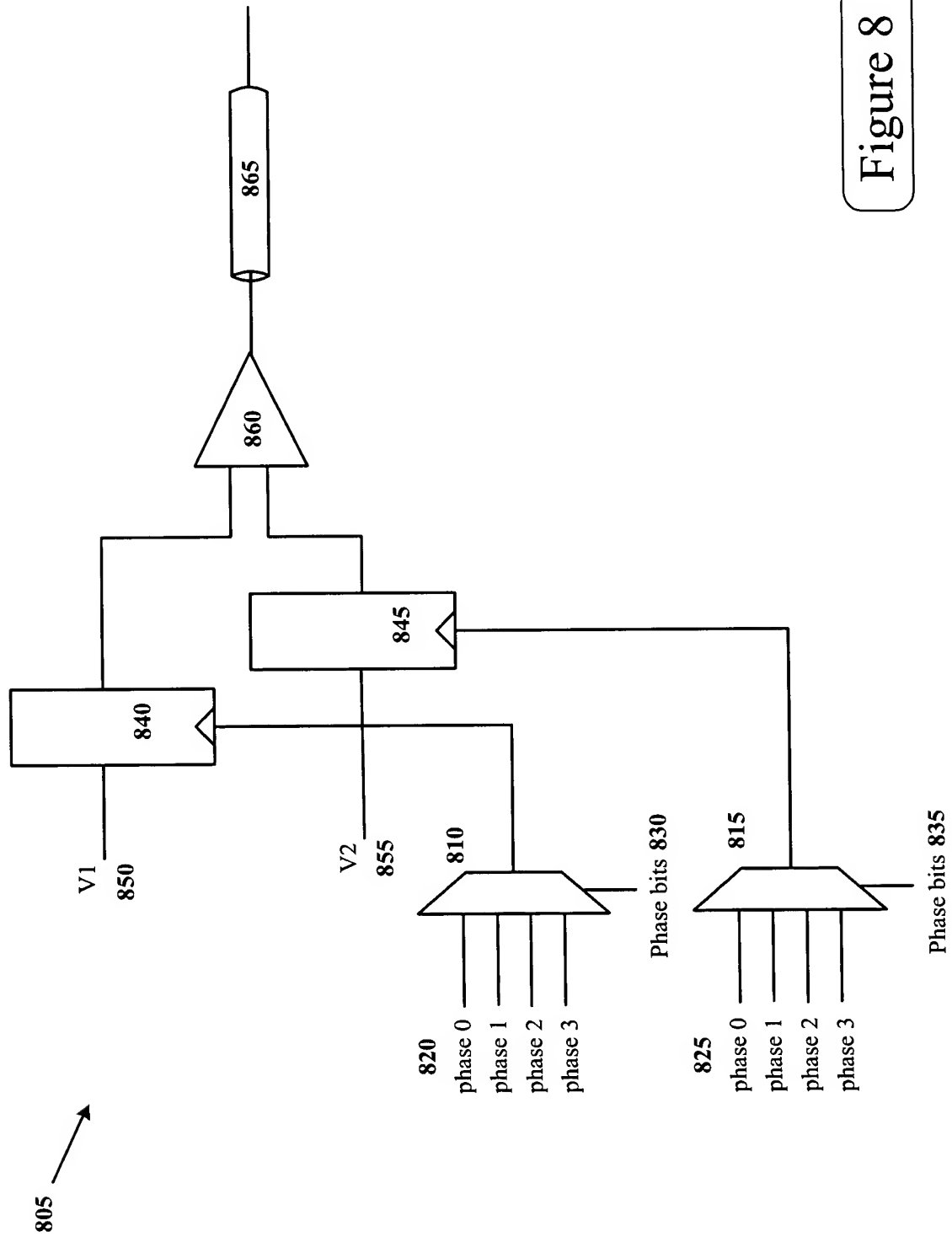


Figure 8



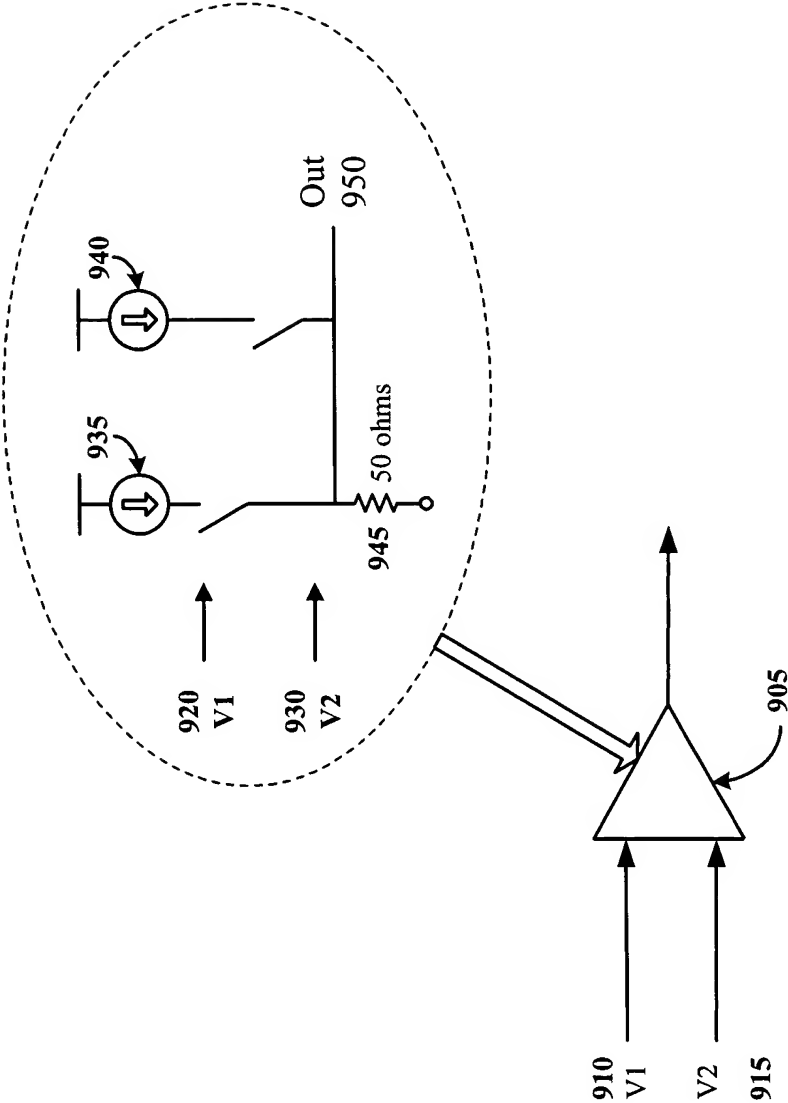


Figure 9

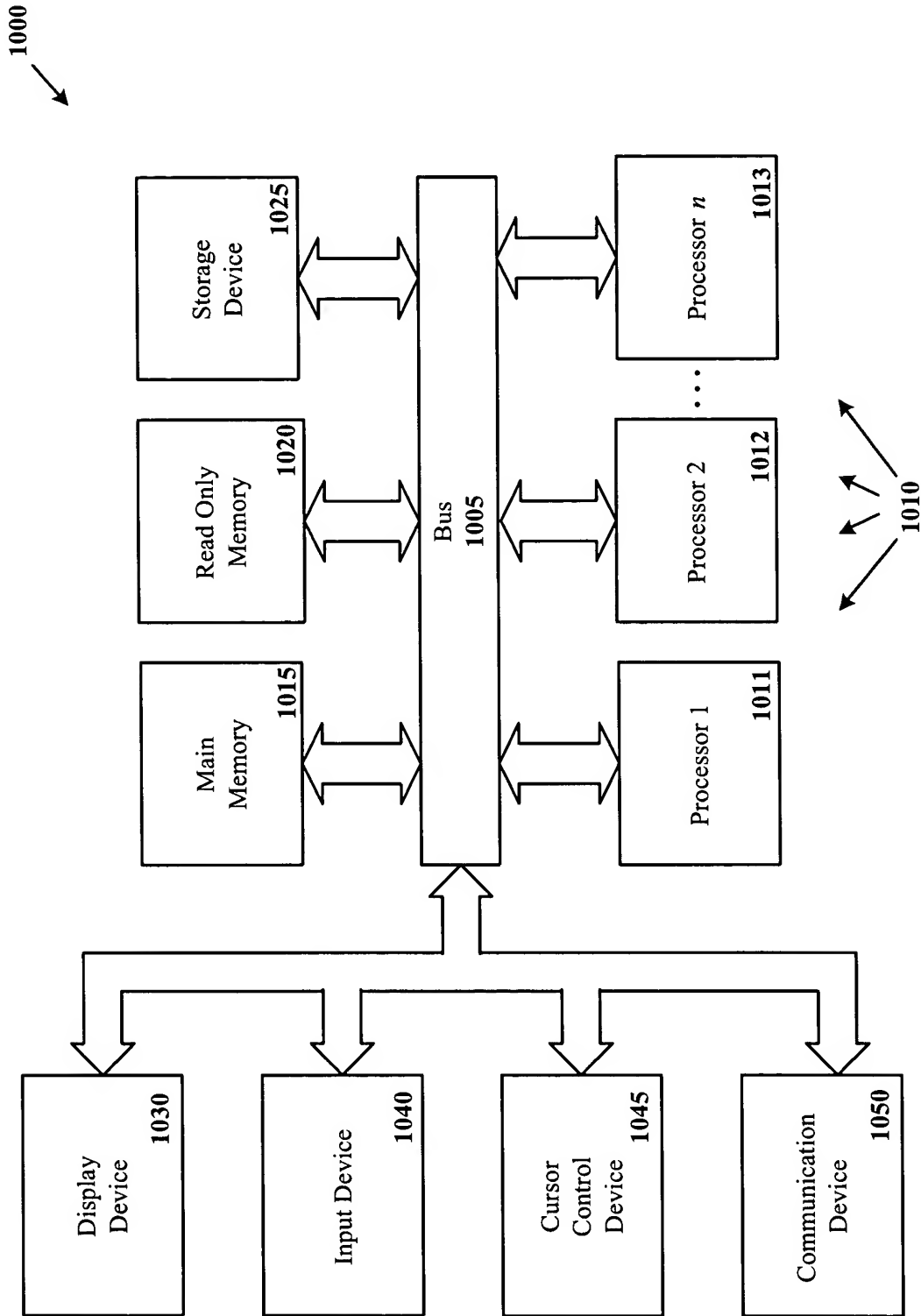


Figure 10